

Figure 3

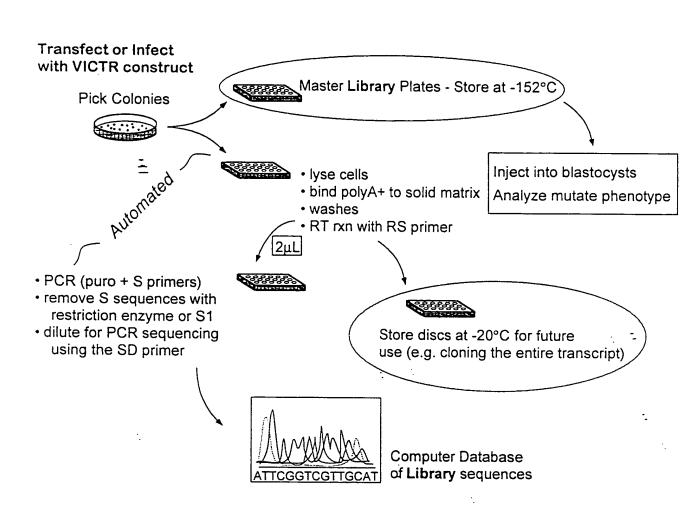
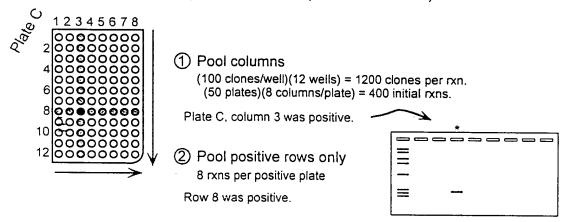


Figure 4

Identify Positive Pool

To screen all mouse genes (~100,000) with 5-fold redundancy would require about 50 plates of 96-wells (at 100 clones/well).



Identify Positive Clone

The pool on plate C, column 3, row 8 is thawed and plated as single clones:

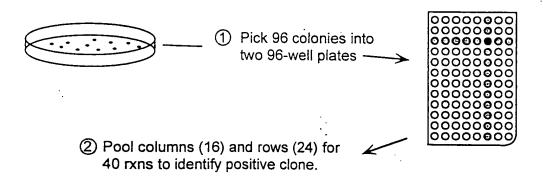


Figure 5

OST1:	248 TTTATATATTTAATTTGTTTTACTGGGGTATATATGTGTGAAGAGGACTTCT 302
rat GABA rho3:	1547 TITACATAATATTTAATITGTTTTACTGGGGTATATATGTGTGAAGAGGACTTTT 1601
OST2:	56 ACCGTTGCGGAGGCTCACGTTTCTCAGATAGTACATCAGGTGTCATCGNTGTCAGAAGGT 115
mouse TCR-ATF1:	
OST3:	58 GIGMHAGLHERDRKTVEELFXNCKVQVLIATSTLAWGVNFPAHLVIIKGTEYYDGKTRR 237
Yeast ORF G9365:	GIG+HHAGL ++DR +LF K+Q+LIATSTLAWGVN PAHLVIIKGT+++D K 1430 GIGLHHAGLVQKDRSISHQLFQKNKIQILIATSTLAWGVNLPAHLVIIKGTQFFDAKIEG 1489
OST4: seg. from US	137 GCGCAGAAGTGGTNCTGGAANTTTNTCCGCCNCCATCCAGTCTATTAATTGTTGACNGGA 196
patent 5470724:	
OST5:	108 TCWIRLGT*RXVGASLEYEYIRAS 179
protein precursor:	TCW++L R VG +L+ +Y A+ 250 TCWLQLADFRKVGDALKEKYDSAA 273
OST6:	78 CTTATATGGCTACGGCGGCTTCAACATCTCCATTACACCCAACTACAGGGTGTCCAGGCT 137
human prolyl endopeptidase:	
OSTZ:	
mouse	109 AAAGCATGTAGCAGTTGTAGGACACCACTAGACGAGGCACCAGATCTCATTGTGGGTGG
45S pre rRNA:	1604 AAAGCATGTAGCAGTTGTAGGACACCACGAGAGCACCAGATCTCATTGTGGGTGG
OST8:	161 TGGATGCAGNCTACCACTGTGTGGCTGCCCTATTTTACCTCAGTGCCTCAGTTCTGGAAG 220
rat MAL:	
rat MAL:	306 TGGATGCAGCCTACCACTGTGTGGCCCCCTGTTTTTACCTCAGTGCCTCAGTCCTGGAAG 365
OST9:	103 ACCTGATTGTTATCCGTGGCCTGCAGAAGTCCAGAAAATACAGACCAAAGTCAACCAGTA 162
mouse malic enzyme:	
	\cdot

Figure 6

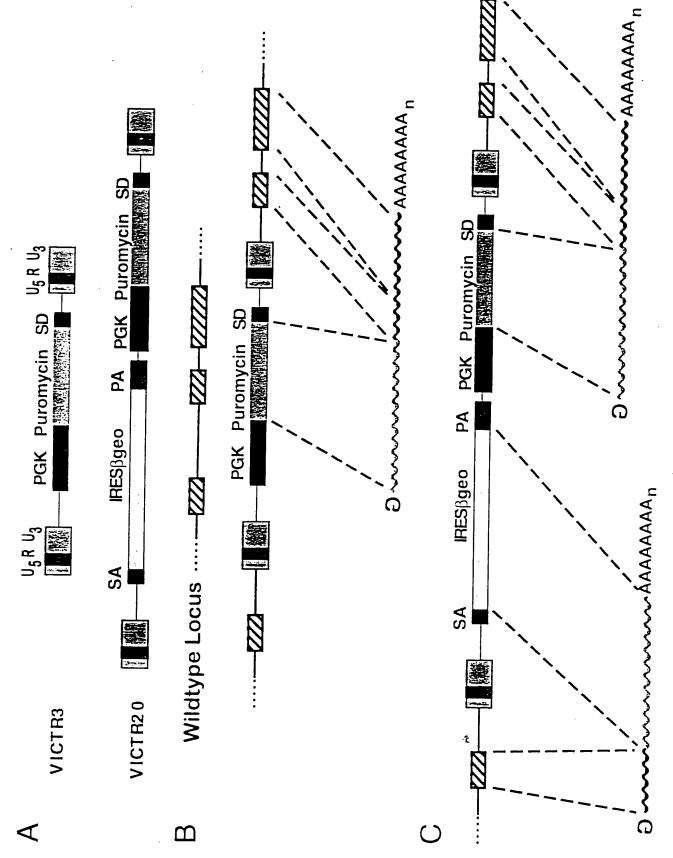


Figure 7

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elements hits.			-	- i	1
		yb w09445	5.0e-133	196 5	Mus musculus ma63f02.rl Soares mouse p3nM4F19.5 Mus musculus cDNA clone
	OSTS	gb Y00746	2.64-41	856	
					cyclic-GMP phosphodiesterase
	05.1.22	gb D88454	5.9e-48	B31	
			1.00-42		
	00.1.50	gb AA048968	1.9e-173	196 (
	05T36	910620146	7.50-71	106	clone 479507 S. Mus musculus Mouse ment for constood
	OST38	objx537.12	301-00 F		synthase
					Mus musculus M.musculus T. cell receptor alpha chain variable rejion
	051.41	95 300360	1.80-70	101	Nus musculus mouse sapha-amylase-2
	05r42	gb M33190	4.0e-34	621	gene: pancreatic mrna Rattus norvegicus Rat cytochrome P450
	05145	91- 44003309	1.46-145	1,66	II Al (CYP2Al) gene, complete cds Mus musCculus mgfdlip.rl Soares mouse
	05151	95/006214	1.5e-45	99	charty whentis s 14.: Mus musculus cDNA clone 456931 5. Mus musculus management
		-			nes musculus (Outse) (1) day) la n domesticus Postnita (0 day) la n mRNA for Cal, desement arr varon
	02126	96 269 199	2.60-37	17.6	protein for secretion, complete cds Mus musculus mu52c11.rl Soares mouse
					Lymph Hode Nibdia Mus musculus charactorie 641029 5' shailar to TH: C294850 C294850 Alicha-Misciff Assenta
	F6450	gb Y00169	7.5e-112	80%	Rattus norvegicus Rat TM-4 gene for
	0Sr75	95 272384	1.00-126	156 5	tiproblast Cropomyosin 4 Mus musculus M.musculus 1gk-Vk2(70/3)
	0.57ru6	95 AA190122	1.7e-31	ยยน	gene Mus musculus mud6f05,rl Soares mouse
	704000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Lymph node NEMLN Mus musculus conv clone 642465 5'
		CF/ FOTBY OF	1.8e-178		Mus musculus mosédos,rl Life Tech mouse embryo 8 Sdpc 10664019 Mus
					musculus conn clone 557573 5' similar co 5W:YA36_SCHPO Q09713 HYPOTHEFICAL
	051798	95/11/3806	7.36-40	388	17.7 KD PROPERN CIBBLE OF IN CHILL FOR EACH SEPT. CONA FOR EACH SEPT. CONA
	05T117	gb[AA156426	4.00-111	₹7.6	57 end Homo sapiens z151b07.sl Source
-7					programs uterus NoHPO Nomo sapiens CONA clone 505429 3: Dimilar to
ž Ž	057118	ob [087684	H form 15d	2	THE GENERAL GENERAL STANDARD STANDARD FOR THE STANDARD FOR THE STANDARD STA
	811430				gene, partial eds
			2.0e-145	926	Homo sapiens Human midNA for KIAA0240 gene, partial cds
	051121	gb 028482	J. le-161	B 3.4	Homo sapiens Human ser2 mkHA for KHA
	057133	9b[AA114106	1.24-52	731	Homo sapiens inches, complete cos Homo sapiens inches, il Stratagene
	45 1150	object to bush	0.10		clone 563201 5:
		C*B/OTWO GF	4.00-128	27.20	Mus musculus mod9c06.rl Life Tech mouse embryo 10 5dpc 10665016 Mus
					musculus cDNA clone 556906 5° similar to gb:J05277 Mouse hexokinase mKHA,
	871720	00E30X]46	8.1c-143	924	complete cds (MOUSE) Kattus norvegicus Kat mAAA tor
	054193	yb C06148	4.80-107	841	ribophorin I Homo sapiens similar to qlutamyl-tHMA
	OST243	06/1132146	4.8e-38	1.70	synthetase Kattus sp. EST106973 Kattus so chun
	057246	91- AA009152	1.60-81	167	5' end similar to Sympsin I
					ends wastered military flowers and the mouse elbry MARELES 14.5 Must museculus conto
	057260	gb MT2058 gb AA058245	1.2e-91	938	Coordinations of Market 4.55 KHA gene Mas musculus modelal to tourisment

057281	96 065313	1.80-180	78%		<u> -</u>				
				ras-CTPase-activating SH)-domain binding protein (GBBP) gene, complete	OST562	2 gb[x61433	7.60-68	97%	
0::1295	96 14048390	4.20-60	43.E		05r568	8 gb AA007930	1.5e-31	6.7.2	
				embryo NDME13.5 14.5 Mus musculus chita clone 477500 5' similar to gb:J02809	OST571	1 qb[AA111278	2.16-147	9.09	C C 2
-	an June 20 Page								
167150	cac//y/ab	J. 0c-168	7.0 1		051572	4 9b AA130347	1.20-103	NS.R	
0021300	gb[H75122	1.8e-203	3113						ב ני ני
OST 101	95 W14850	2.70-97	378	Mass muschings (CLD-1) yene, exon 16	Create	J gb 642855	4.00-69	751	E E E
				clone 353067 5' similar to gb:U11248	7.7.5450	objective t			
				Mus musculus C57HL/63 ribosomal	-		76-21.7	176	
057311	gb [w80427	3.04-73	854	Homo sapieng zd82d06.sl Soares feral	051581	2553gHJdn	0 0 - 40	#O#	
				Deart NUMITSW Home sapiens CDMA clone 347147 3: similar to PIR.ASAJEC ASAJEC					
0517114	01/274210	4 064	7	metastasis-associated procein mta-1	OSTSBZ	96)110 96	1.9e-218	914	
	ا المارية الما	* . oe . o	5	Nomo sapiens EST73642 Nomo sapiens CDNA 5: end similar to Nome			,		
05T316	gb w11499	1.2e-72	998	Mus musculus magoho2.rl Soares mouse	UST:0	926649106	J. 6e-103	#S#	Mus.
				Dinmerly, 5 Mus musculus conv clone 317043 5' similar to Guirda Hayre	, o James C				
				P00130 UBIQUINOL-CYFOCHROME C	160100	di Marorii	3.4c-117	186	Mus
UST328	9b/W10861	3.70-59	#6B	MEDUCTASE 7.2 KD PROFEIN Mus musculus masscoll, rl Soares mouse	0.000				
				plink19.5 Mus musculus cDRA clone	e creo		2.6e-142	B.7	
051331	gb 017698	6.8119	83%	Mus musculus Mus musculus ablobilio-1	057595	96/100/137	7.0e-51	808	
081.130	02.101111110			(abi-1) midilA, complete cds					PSD
	021010 06	1.16-14.		Aus musculus Aus musculus SKD2 mKHA, complete eds	OSTS98	gb x53476	2.24-235	196	
021736	4b N60456	1.8e-117	17.6	Mus musculus Mouse cyclophilin mRNA,	051.600	95 070494	1.0c-188	96	HOU.
057.161	95/W/7360	5.74-37	30%	Comprete cas Mus musculus me65fll.rl Soares mouse	0511607		12		
				embryo NEMELLS, S. 14.5 Mus museulus conta		-	1.20-71	2 2 2 3	
ostiče	gb b87662	2.9c-184	37.6	Mus musculus Nouse mouse; Musculus	COLOR				
				domesticus mun for 14-1-1 tau.		609 00 100 105	9. Ko-68	5	
0317386	gb x99946	2.6e-35	35.8	Mus musculus M.musculus 94kb genomic					c lo
OST389	9b T51727	1.80-78	168	Sequence encoding Tax gene	051618	95 1111117	1.54-95	862	Homon
1 10 10 10 10 10 10 10 10 10 10 10 10 10				cour clone 72500 5.	OSTGZO	CH271172H2			CDN
101.100	95.52V July	J. 1c-33	17.6	Mus musculus me19e08.rl source mouse		70717 www.l	07:30:1	70	H LE
	Ē			Journal 2.5 Must musculus CDRA clone 348998 S' mimilar to SW;YEFA_ECOLI					CDIA
05T413	ob M48542	2 0: 60	7.83	P32054 CDP-D-HAMIOSE DEHYDRATASE					gb:T
				cond clone 276877 5.	051623	912 44001326	5.7e-106	U J L	Homo
057421	gb (2216)	1.7c-84 6.1e-56	20 E	Homo sapiens human 5TS WI-15024 Homo sapiens human 6TC pentatan					CUNA
05F425	0b x04480	8.1e-58	166	Hus musculus Mouse mithA for	027626	897 [8G d6	1.46-47	₩1 ,	Homo
057430	7.E 8.7 8.7 J. J.	5.74-93	196	preproinsulin-like growth factor IA Mus masculus medladd of source masculus	051663	9b AA028410	3.2e-114	1.88	Mus
				embryo NbME13.5 14.5 Mus musculus cDitA					P3NM 4634
				Clone 401244 5' similar to gb:M23419 INITIATION FACTOR 5A (RUMAR)					tau
05r439	95/926/36	2.4c-134	B.7.E	Mus musculus Mouse malic enzyme mkila,	057664	95/011027	2.6e-106	1.7.8	Comp Mus
051442	gb [w25938	2.6e-49	701	Homo sapiens 15bB Human recina conv					Seco
				randomly primed sublibrary nomo	OST671	95 564 1160	B.4e-211	95%	Mus
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05rt531	gb X95591	3.10-206	913	Mus musculus M.musculus mitth for C1D	057679	90 1414516	9.9c-139	151	Mass
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				Cione 190921 5' similar to gb:U09659 Hus musculus chaperonin 10 mkm.					CDMA
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		•	•	parmeter 19.5 Mas mosculus con clone	917,430	The Court of the Court	7	:	CDISA
				301156 5' similar to SW:YEO4 YEAST			1.56-74	3.00	3 . 3 .

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	nusculus mo53f02.rl	
_	cDNA clone 557307 5	
	ial cell 937223 Ho	
	Sobbso J' regions Harrus norvegious	
	merase II Eranscription fu aubunit mRNA, complete cd	
_	musculus mh61a enta 4NbMP13.5	
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9601450	77.07.Ba dg	7.7e-112	188	(CXXI.I) mRRA, complete cds flomo sapiens fluman mRNA for KIAAO240
05T1105	gb w44423	1.00-66	B 6.4	yene, partial cds Homo sapiens zc2Ht04.sl Soures
511116	yb x62249	3.14-36		senescent fibroblasts Hung. Appiens CDMA CLONE 325647 3. Hust mustochus M. mustochus Access.
OST1137	gb M63485	1.2c-89	24.	Rateus norvegicus Rat matrin 3 mkmA
Sr1152	gb W79970	6.4c-109	101	Mus musculus M.musculus Hesxl mkRA Mus musculus me90d10.rl Soares mouse
				embryo NbME13.5 14.5 Mus musculus cunA clone 402835 5' similar to qb:x57351
221135	9D W10324	2.30-65	2.0 2.0	INTERFERON-INDUCIBLE PROFEIR 1-8D
				1930 S. S. Similar to db. 8200 S. S. Single Mouse 313365 S. similar to db. 872984
0511165	gb w54649	1.96-184	116	APOLIPOPROTEIN C-II PRECURSOR Mus musculus md07b12.rl Soares mouse
01.1				embryo NDMEIJ.5 14.5 Mus musculus CDRA clone 367679 5.
67111	39690000100	B. 5c-83	116	Mus musculus mg99e02.rl Soares mouse embryo Nb4813.5 14.5 Mus musculus cD4A
05-11186	95 069840	2.8e-70	196	clone 441146 5. Mus musculus Mus musculus prograte gergrepory orogin, incomin
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05T1207	gb AA063763	1.34-56	86%	404094 5. Plus musculus mj79d10 r1 Soares mouse Next Next 19.5 Nus musculus CDIA 610nu
05T1223	gb{AA002933	1.5e-189	366	482323 5. Mus musculus mg40f08.rl Soares mouse embryo fbdfill, 5 14.5 Mus musculus cuit
05T1226	655750 46	7.54-279	#56	ctone 426279 5. Mus musculus Hus musculus protein Phosphetase 28 H.a.Anhal recularior
00711233	107.86W) dp	6.30-91	186	subunit mitth, partial eds Nua museulus militalos el Sosres mouse embrey tibelità i 14.5 km maneti na
OST1234	, db b85904	1.16-180	1.86	clone 423585 5. Mus musculus Nouse miun tor apy-2.
OST1241	95 OO OO	4.8c-184	126	Complete eds Homo sapiens Human zinc finger protein
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OST1265	606873	6 800-110	700	clone 478899 5: similar to SW:LLOK IVI
6971450		6. 6	, t	Mus musculus M.musculus mittA for Lasp-1 procein
	ž		, 0	nomo saptens yq24g02.rl Soures recins N2b4Hk Homo saptens CDM clone 274730 5° similar to SP:YPKL_YEASP P12688
05T1269	776610 46	4.00-130	U 4 %	SERTHE/THREOHINE-PROTEIN KINASE YPKI Nomo sapiens Human
0571274	ub н14634	2.16-139	85%	Propriest London Action Control of Processing Market Compiler Cds Rattus nonveyieus Rut miscochoudring Propriest Control of Control
05T1294	th Jousses	6.80-69	156	bera-sulunit millh. Complete edg. Rattus norvegicus Hat elethrin heavy
05F1339	gb M97190	3.10-118	B 3%	Chain mHHA, complete cds Homo sapiens Homan Sp2 protein mHHA,
05T1341	gb w89611	7.80-142	93%	complete cds Hus musculus mf72h02.rl Soares mouse embryo NDME13.5 14.5 Hus musculus cum
05T1 354	gb W74481	2.20-64	858	clone 419859 5. Homo Sapiena zd75b12.sl Soares Feral hear HMH13W Homo sapiens cura clone
0:71159	gb W65672	5.1e-35	95 k	146463 H 446463 Manusculus melladop.rl Soares mouse embryo phanell 5 14.5 Mus musculus chan
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						for Ca2:/Calmodulin dependent protein kinase 11 beta subunit
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	OST1453	96 (C18312		5.60-92	H G.	
	OST1457	gb k78851		5.9e-45	808	5end GEN-56 Homo sapiens
	0ST1470	95/305504		1.5e-136	1.56	CUNA clone 146525 5' Mus musculus Mouse guanylate
	OST147B	95/057821		8.4e-55	808	Cyclascrattial natriureric factor feceptor mRNA, complete eds MVGB family-b fus musculus inhibitor of MVGB family-b (1-mf mNA commolers
	OST14BB	gb 024681		4.3e-235	944	ynther
	0571492	gb W10703		J.6e-109	186	protein mikka, complete cds Hus musculus maijg65,rl Soares mouse plnMF19.5 Hus musculus clNA clone
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	OST1554	95 wus 270		2.3e-168	196	CLP16 (CLP16) mRN/, complete cis Hus musculus mf42(OS rl Soares mouse
						embryo NUMELL.S fus musculus suna clone 40772. S similar to SW:IPYE_DOVIN P37980 INDMCANIC
	0271556	gb[AA11751	-	9.7e-150	168	PYROPHOSPHATASE Mus musculus mnisycob, rl beddingcon mouse embryonic region Mus
	OSTISSB	95/1837/65		2.20-67	862	CDNA clone 531344 5: Rattus sp. cDNA
	051150	96 014636		1.7e-39	94%	5. end Mus musculus Mus musculus
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	0211603	gb[w09922		4.0e-109	861	
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	osrtésa	gt/AAO.10795		5.10-143	37.6	ctone 479172 5- Hus musculus mi27112.r1 Soures mouse muckyo Hobild 5-1 4-5 Hus musculus cuts
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	•			embryo MiMETS 5.4.5 Mus musculus control colone de A02879 6. similar es absorbes	
				TUBULIN ALPHA-1 CHAIN (HUMAN); QD:MJ441 Mouse Alpha-chhilio isocom	
OST2116	1549CX14n	2 466	2.38	M-alpha-6 mnA, complete cds	
		7	9	Kattus Norvegicus H.norvegicus (Sprague Dawley) H-rev107 mH#A	_
OST2126	12866M db	1. Re-35	804	Mus musculus mg10h02.rl Source mouse embryo NbME11.5 14.5 Mus musculus cbia	
OST2134	40 W1 40 B1	5.20-109	983	clone 425259 5	
	•				
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OST2165	gb w64236	1.76-144	93.1	CDNA CLONE 240780 5.	
				embryo NDME11,5 14.5 Mus musculus CDRA	
05T2174	gb 085055	1.1e-67	931	Mus musculus Mus musculus rapl/rap2	
0372177	gb[w99250	1.90-122	1.90	interacting protein midda, complete cds Mus musculus mtG0104,rl Soares mouse	
0579389	OH CP CS John	99-11		chory of Maria 5 14.5 Mus musculus contraction 418711 5.	
	001717	1.46-02	17.	Mus sp. DF-3-protein regulating cell cycle transcription factor DRTF1/E2F	
OST2188	9b w10048	2.30-86	17.6	1A, 1	
				DESTREEZS NAST MASSOLING COLOR 1957) 3 - similar to gb:LOZSAY CLEAVAGE STENOLATION PACTON, SO KD	
0572191	95 046854	5.40-61	3.56	HUMAH) lus Mus musculus Sho	
OST2198	gb/r25302	3.15-33	16.7	Complete eds	
2 (2.5)	Second 4.			clone BL29-19R	
05.72218	95 W3 B1 36	4.16-112	1.66	Homo sapiens zc14a1).sl Soares Pakathyroid tumor AbHPA Homo sapiens	
OCY2220	96 14049140	6.00-153	316	cout clone 322268 3* Nus musculus midacol el Sovres mones	_
				embryo MAMELL.5 14.5 Mus musculus culta	
OST2229	gb[AA014563	2.8c-109	941	Mus museculus mi67065 rl Soares mouse	
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			•	Nay sp. metallothionein-1 gene Leanscription activator (mice, L	
OST2237	gb AA002285	1.76-33	101	Cells, mRNA, 509 nc] Mus musculus mg42c06.rl Soares mouse	
				embryo NbME13.5 14.5 Mus musculus comA clone 426442 5: similar co	
•				SWIYBBL YEAST P38326 HYPOTHERICAL 34.3	
0575350	6901774190	2. O.c. 133	. 50	HECTON. [1]	
	5001	751-20-7	2	Mus musculus melledi.rl Soares mouse embryo nLME13.5 14.5 Mus musculus conn	
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				Eranscription factor, novel spliced	
057273	300510 40	9.90-111	106	Num musculus Hus musculus thei mitth.	
OST2275	gb[w30226	1.7e-114	124	complete eds Mus musculus mc25h04.rl Scares manes	
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CETTERS	Of et fin de	1.2c-43	1.76	P35526 CHLORINE CHANNEL PROTEIN F64. Mus musculus mb34c08.rl source mouse	
				pattitible of the museulus epita elone 333230 Staimilar to gb;013315	
остери	96 [883037	B. Je-85	1.96	Hos masculus mendall.rl Source mouse	
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				SW-YADE_SCHOO G09790 HYPOTHETICAL 23.7
0512297	gb F07734	7.84-34	99	No Frontin Clade 14 IN CHROMOSOME 1. Homo supiens H. sapiens partial CDNA
osr2307	9b x61399	7.00-66	924	Sequence; clone c-2gb07 Mus musculus Mouse F52 mKNA for a
osr2321	9b AA100747	5.10-85	781	novel protein Homo sapiens 2191604.rl Stratagone colon (1937204) Homo sapiens choa
OSF2322	95 302811	1.26-81	924	clone 512023 5. Rattus sp. Rat myoadenylate deaminase
OST2346	gb Ab000893	1.5e-95	94%	(AMP deaminase) mRNA, complete cds Mus musculus Mouse mRNA for
05T2347	96 017653	2.5e-101	3 58	synaprotagmin 3, complete cds Mus musculus Mouse whuld for HBp15/L22,
osrzasa	7600BT 40	7.40-73	158	complete cds Nome sapiens yd04g12.rl Nome sapiens
0512357	ววดอยูลใจด	4.10-133	166	CDNA clone 24692 5. Mus musculus mec21n09.rl Soaren mouse pJNMHF19.5 Mus musculus CDNA clone
osr2361	gb[#18873	7.50-58	156	349336 5. Mus musculus mc04d04.rl Soares mouse p3NMF19.5 Mus musculus cDNA clone
0572367	1£878X dg	1.9e-104	858	137927 5. Rattus norvegicus R.norvegicus mRNA for carnitine/acylcarnitine carrier
osr2368	96 44013837	6.1e-32	77.1	protein Mus museulus mh24c06_r1 Soares mouse Museulus mh24c06_r1 Soares mouse
OST2379	116911/40	1.2e-105	918	CDNA clone 444414 5. Homo Sapiens Homo sapiens splicing
OST2380	gb w87091	9.50-88	303	factor (CC1.4) mRNA, complete cds Mus musculus mf58d10.rl soares mouse
0512381	กราไกลงแบบขอ	8.3e-126	1.76	embryo Aldellis 14.5 Mus musculus cDHA Cone 418481 S. Mus musculus mj9UHO6.rl Soures mouse
OST2382	gb[AA015380	5.1e-126	126	1800 lus e 14912.rl 14.5 Mus
0572389	901085614	2.04-59	5	o gb:M310
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			3	nos mascalas mitsino.It beadington mouse embronic region Aus musculus
05T2400	ub w34469	4.2u-122	1.98	Mus musculus magdadg, rl Soares mouse punkely, 5 Mus musculus cbth clone
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OST243.1	96/44104747	2.4e-164	37.6	CDNA CIONE 262491 5: Must musculus mo56201.rl Life Tech monte comberg 8 Gale 10764110 co.
				musculus CDMA clone 557922 5' similar to gb:H31642 HYPORAFFHIRE-CUANINE HUGSTHUKIDOSYLTHANSFHAASE (HUMAN); gb::Odd423 mouse hypoxamplaine
OST2442	95 WJSB19	1.70-55	911	phosphoribosyltransferase(hort)mena Mus museulus mel4g04.rl Soures mouse pJRMEP,5 Nus museulus cDRA clone
0512447	gb]A6061741	1.00-58	14.6	J48534 5.9 Mus musculus mj90b07.rl Soares muuse pJANF19.5 Mus musculus CDMA clone 483349 5° similar to WP:C32A3.3
0572455	108/24/46	4.20-02	106	CE05343 COLLED COLL DOMAINS Homo sapiens xq3Bc06.rl Stratagene har neuron (4937233) Homo sapiens chira
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1.PS-brudiny protein thus mascalus mgl4806.rl Soares mouse embroo Nh4813 8 14 8 a.c.	26106 5 simil	en lus		PJNMF19.5 Mus musculus cDNA clone 482311 5' similar to WP:F42H10.4	Caroline Chir Mus musculus ms40a01.rl Life Tech Mouse embroo 11 Sabs 10666014 Acce	musculus CONTACTOR 611992 S. Mus musculus Goldon 611992 S. Mus musculus mc00910 rt Scares mouse.	embryo Numella 5 14.5 Mus musculus cons clone 167866 5' similar to chiu07151	ADP-HIDOSYLATION PACTOR-LIKE PROTEIN 3	chain mind. complete cds.	mbryo NbME11.5 14.5 Mus musculus CDHA	Fus musculus C5/BL/C3 ribosomal Profesii 528 mMHA, complete (HOUSE) Fus musculus mg01e10.rl Soares mouse	embryo NbME13.5 14.5 Mus musculus CDIIA Clone 422518 5 similar to	DESUMBLY THAT CYPOCHROME C OXIDASE OLYPEPTIDE VIII-LIVEK/HEART	Mus musculus ma7Ucl10.rl Soares mouse pilmr19,5 Mus musculus cDNA clone	16619	mouse embryo 13 Sqpc 10666014 Mus	Mus musculus Mus musculus acidic	complete eds mucrollus many.	1290 integrin multiple complete eds	9 cell CDMA, 93E10	musculus messbob.rl Soares mouse mbryo Nbwkll,5 14.5 Mus musculus comA	ione 191379 S. ono sapiena Human lymphocyce mkHA for	TFIID subunit p22, complete cds Mus musculus m137b01.rl Soares mouse	Moreyo Nomell's 14.5 Mus musculus COMA lone 407209 5.	Mus musculus md/zg01.rl Soares mouse embroo NUME13.5 14.5 Mus musculus c <i>Dtt</i> A	tone Jijyen of Son Son of Son of Monte	yo repressive 390983	Mus musculus Mouse myotonic dystrophy region mRNA	Mus musculus mn44c11.rl Beddington mouse embryonic region Mus musculus	. to	ibosomal protein LS, J'end us musculus me40a05 rl Source mouen	PRIMETS. S Mus musculus CDIA Clone	Attus norvegicus Est0035 rat lambda Arii library (C.P.Hamel) Kattus	norvegicus clas clone pCO91 5' similar to Abr-ribosylation factor (ARF)-like	Process Nus musculus madddll.rl Soares mouse	PANMETALS, SING MUSCULUS COLA CLOSE 3.13557 S' SIMMILAR TO PIRCUSOVIE USOVIE	nitrate introduction programmer. His management of the management	
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	-	20,525,00	1.00-121	126	CDRA CLORE 517686 5. What musicular House Or-1 milita for esterouric protein 1

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0ST3492	81560% dp	4.74-139	92%	Cell-Specific MAL. Mus musculus mad0dd0;rl Soares mouse pJNMF19.5 Mus musculus cDNA clone
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05173500	95 062483	2.1e-180	\$86	ACCEPTED THE FOREITY [1] MUS MASCALLE HUSING ADMITT. [1] MUS MASCALLE HUS MUSCALUS Ubiquitin
0ST3501	95 059851	6.8e-54	106	complete cd. Romplete cd. Homo sapiens Human fetal brain coma
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OST3508	UD N23458	2.0e-119	106	350893 5. Mus'musculus Mus musculus endoyenous retroviruslike D-26 (distantly related
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05.13518	95 14061165	6.3e-99	91%	CDNA CLORE 44371 5' HUS MUSCULUS HUS MASCALUM 51165 EL SOARES MOUSE MAN MASCALUM 51165 EL SOARES MOUSE
0SF3521	ublu33256	0.5-1.6		embryo Nupello 14:3 Hus musculus CDNA clone 477729 5: similar to TH:E222933 E22293 SUPEROXIDE DISMUTASE
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9556450	9088607]46	7.9e-132	116	37267 5. Mas mascatas como came Rattus norvegicus Mattus norvegicus (Clone Mattus-5/8) ainc finnar acomai.
0513561	gb W13785	5.le-64	166	MUS MUSCULUS MASSACIL.EL SOATES MOUSE DJNINF19 5 Mus musculus CDNA clone
OST3567	95 AA050004	2.8c-48	181	118156 5' similar to SW:R527_RAT P24051 40S RIBOSOHAL PROTEIN 527. (1) Mus musculus mj39407.rl Soares mouse embryo NiMEll 5, 14,5 Mus musculus chia
OST3571	gb[W75236	2.4e-113	914	clone 478477 5. Mus musculus me51a07.rl Soares mouse embryo NDME13.5 14.5 Mus musculus CDNA
0513575	gb AA080212	6.00-90	93.	clone 391188 5. Mus musculus mj9su06.rl Soares mouse Mus musculus mj9su06.rl Soares mouse AB4210 5. similar Fu.o.i.ykanto
05T3579	gb s74622	1.1e-39	191	PROTEIN, ALPHA CHAIN HUMAN) GALLUS GALLUS PEIM M21 SUBUNIC=PROCEIN Physiphacuse 1 M 21 Mai regulationy unbount (citicbenn aizzan)
OST3582	gb[x74350	1.5e-74	3.66	munche, mitth, 1598 nt.] Mus musculus M.musculus XYAC Xut.di rima Pigmentosum group A Correcting gene.
OST3601	97,000,00	4.60-138	168	exon 6 mine supiens Human guanine nucleotide exchange tuctor pols munta, complete
0213602	95/1015062	2.3e-107	30%	eds Homo sapiens yfA6h05,rl Homo sapiens
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05T 1609	10659146	2. de-129	196	procein kinase catalytic subunit (DRA-FES) markh, complete eds Mus markets mark, complete eds
OST3631	90 44028590	2.le-152		Tymph node Rights was musiculus mouse clone 615740 5. Mas musiculus cunn
				embryo NbwEll.5 14.5 mus musculus CDNA clone 464182 5 similar to WF:R01H2.6 CEORAGA HBC
OST3642	gb RB5211	1.40-47	74%	Homo sapiens yo41d11.s1 Homo sapiens CDNA clone 1805G1 3 similar to F. 219586 S19586 N-HETRIYI - DARKANE
OST1645	95 H14951	1.3e-104	30%	RECEPTOR GLUTAMATE-BIRDING CHAIR - MUL musculus Mouse inculin-like groweh
05T3647	95 014721	1.7e-36	761	factor II (1GF-II) math, complete cds Hus musculus Hus musculus c-abl oncogene (c-abl) gene, exons 2 and 3,
osr1651	gb]AA023146	1.44-109	9116	parcial cds Mus musculus mh67b03.rl Soarcs mouse placenta 4NbHp13.5 14.5 Mus musculus
		-4		CONA Clone 455981 5' similar to SW:A4P_UNDAN Q04941 INTESTINAL MEMBANE A4 FROPERH (1)
2697.150	gb \$60494	3.1c-31	8.00	Nus sp. gamma-phosphorylass kinass (alternatively splitcel) miscle, mascle, sabb/C, Ganomic, 4204 nt, seyment a of
osra662	gb[037427	3.16-204	196	4} Kattus norvegicus Rattus norvegicus Phospholipid hydroperoxide olurarhiom
0513669	81655W dQ	J. 0c-35	198	peroxidase miuth, complete cds Homo sapiens xc03f12.s1 Scares parachyroid tumor HalfA Homo sapiens
OST4681	gb{w55833	7.6c-94	3.64	CDHA clone 32/263 J. similar to MP:E04F6. 2 CE01214 Mus musculus md07b01.rl Soares mouse embryo NDAE13.5 14.5 Nus musculus cuua
OCT 1694	gb [wJ0194	5.40-71	*15.6	clone 167657 5' similar to gb:D37874 Novue Felti gene, (#0058) Novu antiena celse05,11 Sourea
00783700	gb AA038243	4.96-171	2 66	paracytera claust million loud saparens CONA clone 122400 1. Mus musculus mi82408.rl Soares mouse plany19.5 Mus musculus CDNA clone
0211103	95 (847847	7.80-71	828	471103 5' similar to SN:SAHL_HABIT P42512 SAHCOLIFH, [1] Mus maudeulus me#2112.rl Soures mouse emptyo HAHELS 's 14 5 Aug mousestan come
OST3704	95 AA048648	4.60-68	166	clone 185055 5: The marketing conv Mus musculus nillado't I. Boarces mouse Muscy (NIMRI) 5 14.5 Mus musculus conv
0513708	14 ممارين خخ	7.46-89	17.6	clone 477876 5. Mus musculus mydlhül ri Soares mouse embryo Hukelli.5 14.5 Mus musculus CDIA
0271716	SHOT KADO 16HS	B.2c-119	306	clone 426577 5° similar to gb:W3704 PHOSPHAYIDYLHIOSTYOL (HUMAN) Mus musculus misf6h10,r1 Soarce musc embryo NHMF13 6 14 6 Mus
OST3729	10 (W1930)	2.96-97	1.58	COOK 467507 5 similar to QUILL9527 608 KIUDSORAL PROTEIN L27 HOMO Sapiens 2D25402.rl Soares (etal Lung MUHL)9W HOMO sapiens CUIA clone
Tr. L.	90-1411-502	1.3e-131	731	
051735	gb AA014575	5.20-100	11.6	170515 S. similar to SKIERCE HUMAH HARCURSOR HUS MARSCHLOW MICOUOTRI SOACES MOUSE EMBAYO HUMELL S. 14.5 Mus musculus CHIA CLONE 46805 S. similar to useculus CHIA SKISKHW YMANS PARASCH PARASCH
7571720	9b W77924	2. Ce-99	8 J.t	SYRTHETASE, MITOCHORALL FRECUESOR Homo sapiens zd71104 rl Soares Letal heart NDHH19W Homo sapiens cDHA Clone
0211759	9b x64840 9b C18536	7.6e-51 5.2e-39	37.6	
OST3775	gb]b18282	1.60-57	11,6	Synde Mouse 3:-direct stone mdo842

RHCLASSO	A Charles of the				ļ
	25.5.000		.	Mus musculus mg84b01.rl soares mouse embryo WAME13.5 14.5 Mus musculus egaa	
				clone 439657 5; similar to	
0.0307.089	ek lot bear			OXIDOREDUCTASE BIY SUBUNIT	
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0513807	gb w2696B	3.8e-51	808	Homo sapiens 16h7 Human retina conA	
				ed sublibrary Homo	
0573818	gb M28248	3.8e-48	196		
				mutine leukemia virus retroviral vector pLXSN, complere ocnome	
05.11819	gb T55632	J.Be-35	U 1 %	Homo sapiens yb19501.rl Homo napiens CDNA clone 73517 5, similar co	
OST3827	95) 44046830	1.2e-67	84		
			;	heart Hillity Home napiens courtes letal	
05T3831	90 WYOTT	3.5e-121	1.66	Mus musculus me44a02 rl Soares mouse	
9181420	und June Coun			choryo NGMELL'S 14.5 Mus musculus conv clone 190114 5'	
	9000991106	1.46-103	96	Homo sapiens EST02533 Homo sapiens CDNA clone HFBCY19 similar so	
OST3843	961282199	2.8e-51	8 8 8 8	Hypochetical 43.5K protein	
				SEQUENCIAL TRANSPORTES *** From Clone	
0513849	917 W64986	1.3e-173	94%	Nus musculus me04c05.rl Soares mouse	
				embryo NDME13.5 14.5 Mus musculus cDNA clone 386504 5' similar to	
				SW:VSH7_DICDI_P14327_VEGETATIVE	
0513851	9b 051037	1.0e-135	84.4	Hus musculus Mus musculus	
				11-zinc-finger transcription factor (CTCF) mRNA, complete cds	
OSTURSE	95/X56135	4.7e-237	11.6	Mus musculus Mouse mittly for	
OSTJECA	Qb[1019493	9.80-33	1776	Mus musculus Mouse J'-directed cons,	
0513869	gb W41525	4.40-100	82.R	, clone m us mc45b0	
				NA CLO	
05r3u97	9b W10485	3.8e-97	95%	Hus must be massed to somes mouse	
Luniano			:	panners, a Mus musculus conv clone 314434 S.	
5065150	Burgewing	1.2c-10g	:	Mus musculus md79[02.rl Sourcs mouse embroo NbME]] 5 14 5 Mar masses as	`
				clone 374619 5, similar to gb: U07151	
3000		•		(HUMARI)	
0511300	gb AA020459	8.0e-102 1.2e-60	924	mkuA,	
				placenta 4th/4P13.5 14.5 Mus musculus	
0573917	gb 244044	8.7e-01	878	Homo sapiens H. sapiens partial cons	
OST3924	gb J04699	J.9e-32	84%	5	
				acetylcholine receptor beta subunit	
0ST3925	gb[W23511	1.20-80	197	Howen supiens 2546e02.rl Soares feral	
				Y IY	
057.1911	95 014957	1.6c-36	0 1 r	Homo sapiens Human 53K isotorm of Type If phosphatical incepted 4 shows and	
0.00		,		5-kinase (PIPK) mKNA, complete cds	
5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	910 (415004	1.6e-122	37.6	Mus musculus mb25c09.rl Soares mouse PJAMF19.5 Mus musculus cDNA clone PDAAR	
02r3957	gb AA051293	2.84-143	196	Must musculus midabile of consessions	
				embryo Ridella, S. 14.5. Mus musculus conv.	
				SW:TCFB_HUMAN P22064 THANSFORMING	
0.50 (0)				PRECURSOR	
0213960	95/03/8614	1.10-08	1.28	Nus musculus Mouse 921-5 mKNA for	
0371961	ын (острин	6.60-37	77.1	presynaptic protein, complete eds Nomo sapiens finman yn mytate kinase	
				associated protein (C(AP) addA), complete eds	
				tion the second	

0ST3971	gb W45926	9.60-55	941	Nus musculus mc/9e04.rl Soares mouse
OST3988	gb N13524	2.6e-111	106	Committee in the committee of the commit
05T3993	877918 dg	4.7e-45	82K	pseudogene (psi-SAA) Homo sapiens yf31a08.s1 Homo sapiens
0ST4002	9b AA000314	1.9e-112	196	CUNA Cione 128610 J. Mus musculus ag34607.rl Soares mouse embroo NAMS13 6 14 6 Mus musculus cour
05:14003	96 137297	2.9e-121	916	
OST4011	gb L26664	2.0e-155	941	myeloid secondary granule protein mHNA Mus musculus Mus musculus expressed
OST4028	gb D87470	7.5e-93	126	sequence tag EST F012 Howo sapiene Human mRNA for KIAA0200
05r4033	gb AA084704	2.26-54	189	gene, partial cda Homo sapiens rn05(04.s1 Stratagene hrr neucon (193721) Homo sapiens CDNA
				clone 546559 1' aimilar to TH:G600529 G600529 NADH UBIQUINONE OXIDOREDUCTASE SUBDIST
0574051	gb F03500	7.6e-63	198	Homo sapiens H. sapiens partial CDHA
OST4061	gb ₩30618 .	3.1e-118	116	Judenica Linie - 111000 Mus musculus mc10h12.rl Scares mousu p3NHF19.5 Mus musculus CDNA clone
0Sr4070	gb w36515	6.0e-135	941	148167 5.s DINMF19.5 Hus musculus cDNA clone
OSF4073	gb[x82021	2.04-105	116	JJJJ98 5. Rattus norvegicus R.norvegicus munA
0514074	40/E50 dg	3.3e-140	964	for heat abook related protein Rattus norvegicus Rat mRNA for
OS'r4106	ub w75804	1.16-84	934	dihydropyrimidinase, complete cds Mus musculus med'adds rl Soares mouse embroo himsil s is s
OST4114	gb[w20730	6.5e-90	196	close 400594 S. Hus musculus mb96g01.rl Soares mouse
1111	ACCESO 44 14.		į	pJNMF19.5 Mus musculus cDNA clone
	00 AA044274	2.4e-JJ	169	Homo sapiens 2k54h0].sl Soares pregnant uterus MbHPU Homo sapiens
OST4134	gb H31489	3:04-84	854	CDNA Clone 486677 3' Rattus sp. EST105564 Rattus sp. CDNA 3' end
05r4140	gb w71052	J.7e-121	918	Mus musculus me2/f01.rl Soares mouse
·				embryo numera a 14.5 Hea musculus cDHA Clone 188729 5. similar to SW:YBHB_YEAST PAHB2 HYPOTHETICAL 17.6 KD PHOTEIN IN PETI12-1LSI HYTENGENIC
OST4142 OST4144	gb C07091 gb x56135	5.7e-74 4.4e-41	891 831	NECION. (1) Mus musculus Mouse millar to nona Mus musculus Mouse milla for
OST414B	gb w54510	1.5e-135	911	Descriptions of a big of the control
0Sr4149	£6£9£0]qß	2.6e-111	196	A56059 procedin-tyroalne-plosphatase Hus muscula Mas mascula Mus muscula Mus Actor TFED MUA.
0514154	9b x56046	1.3e-161	196	
OST4155	00650x db	3.5e-58	858	Lambda-16) for hypothetical procein A Nattus norvegicus Rat mRNA for lens
OST4166	95) US3859	8.0e-169	106	DetaBl-crystallin (pRLbeta Bl-]) Rattus norvegicus Rattus norvegicus Calpain small subunit (css!) mRNA
OST4174	261100 40	1.3e-30	# P #	partial cdu Hub musculub Hub musculub X inactivo Biocelife tenacrine istan
OST4191 OST4192	9b x63507 9b w85357	2.0e-75 2.2e-83	814 824	cosmid Mu4-14A, fragment 2 Mus musculus Musculus Mux 18, gene Mus musculus Masculus I Soares mouse
				embryo NdwEll): 5 14.5 Mus musculus cutA clone 408455 5 similar to Sw.cLrw_unuAn +13897 SER.HE HYBOOXYNETHYLTHANSFENASE,
OCT4194	gb w14635	8.96-38	87.8	FILTERADURAL. Has musiculus mcJleO7.rl Soaren mouse pJRNF19.5 Hus musiculus cOIA clond 350148 5.

05r4196	gb w41301	J. 1e- 39	166	Mus musculus med3h06.rl Soares mouse
05T4223	9b AA203787	2.7e-89	106	151121 5. THE MUSCULUS CORN CIONE 151121 5. HUS MUSCULUS MUSCULUS MUSCULUS MUSCULUS MUSCULUS CON
0514228	910152 96	9.3e-205	924	clone 643823 5. Dos taurus E2(25K)=multiubiquitinating
0514229	gb z31263	4.8e-70	97.6	enzyme (cattle, thymus; mRNA, 825 nt) Mus musculus M.musculus expressed
05r4235	gb W53187	3.0e-173	116	sequence tag MTEST7 Mus muscrulus madijaon.rl Soares mouse
O5:r4243	gb AA048921	2.36-40	198	clone 168920 5: siallar masculus CDNA clone 168920 5: siallar CD WF.Clob.9 9 CEOURA WAS musculus CD WF.Clob.9 WAS musculus m47611.11 Soares mous embryo (HJHEL) 5 14 5 Mus musculus CDNA clob.9 4 70111.11 Soares mous clob.9 4 70111.11 Soares mous clob.9 4 70111.11 Soares mous clob.9 4 701111.11 Soares mous clob.9 4 7011111 Soares mous clob.9 4 7011111 Soares mous closes mou
0514245	9170711 46	9.96-80	751	Lione 47776 5 Sanifak to gb:113705 Nos muscula domesticus C578L/63 plasma glututhione (MOUSE) Homo sapiens ym02f05.sl Homo sapiens
OST4247	9b AA023146	1.5e-115	196	CDNA clone 46710 3. Mus musculus mA67b03.rl Soares mouse
OST4251	gb[AA070774	8.7e-154	988	Charcella windril 3 14.3 has musculus Char clone 455801 5° similar to SW.Ade-HUDAN 009401 INTESTINAL HENGALARE AA FROTEIN (1) STATAGEN (1) From the charteness of the chartene
0Sr4254	0b ws4737	2.40-82	108	CLONE 520412 3. Manual CLONA SAPIENS CDNA Mas maculus mallodok.rl Source moune
OST4258	9b[AA013789	4.3e-169	106	embaryon Markils 14's Mua mudculuo CDNA clone 167950 5' Mus musculus mh13d03.rl Soares mouse placenta AlbhPl3 15, 4's Mus musculuu CDNA rhom 443731 6's mistis
OST4281	95/116175	4.0e-40	169	Commodition 4423.3 Statution 442472 DC 2010 CT472 RE processor - human Mus musculus ethrombospondin 3 (Thusa) gene, pairtal cds and mucin 1 (Hucz), gene, commiste
OSr4283	gb AA007519	8.9e-52	118	cds Homo sapiens 1h98e12 rl Soares fetal liver spleen lNFLS Sl Homo sapiens
OST4288	gb AA000024	1.40-135	196	CDNA - LOAGA 429158 5. Hus musculus mgjle06.rl Soeres mouse embryo NbMEll.5 14.5 Hus musculus CDNA clone 425602 5. similar r Ob:XO920_rna2 H.musculus CSNY, quie
OST4315	9b M18210	6.40-62	196	(MOUSE) Mus musculus Mouse transcription
OST4319	95)304696	2.00-127	156	raccof 2-11, clone PSII-j Hus musculus Mouue glutathione S-trannferase class mu (GSY5-5) mHNA, complete cdu